



VN31

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | VN31                                                                                                         |
| Manufacturer/Brand: | STMicroelectronics                                                                                           |
| Product description | IC SSR HIGHSIDE PENTAWATT5 VERT                                                                              |
| Datasheets:         |  VN31.pdf                   |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 33457 pcs stock                                                                                              |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

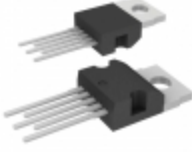
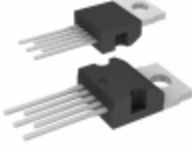
Specifications of VN31

|                                  |                                                                                              |
|----------------------------------|----------------------------------------------------------------------------------------------|
| PART NUMBER                      | VN31                                                                                         |
| MANUFACTURER                     | STMicroelectronics                                                                           |
| DESCRIPTION                      | IC SSR HIGHSIDE PENTAWATT5 VERT                                                              |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                   |
| QUANTITY AVAILABLE               | 33457 pcs                                                                                    |
| DATA SHEET                       |  VN31.pdf |
| VOLTAGE - SUPPLY (VCC/VDD)       | Not Required                                                                                 |
| VOLTAGE - LOAD                   | 5.5 V ~ 26 V                                                                                 |
| SWITCH TYPE                      | General Purpose                                                                              |
| SUPPLIER DEVICE PACKAGE          | 5-PENTAWATT                                                                                  |
| SERIES                           | -                                                                                            |
| RDS ON (TYP)                     | 30 mOhm (Max)                                                                                |
| RATIO - INPUT:OUTPUT             | 1:1                                                                                          |
| PACKAGING                        | Tube                                                                                         |
| PACKAGE / CASE                   | Pentawatt-5 (Vertical, Bent and Staggered Leads)                                             |
| OUTPUT TYPE                      | N-Channel                                                                                    |
| OUTPUT CONFIGURATION             | High Side                                                                                    |
| OPERATING TEMPERATURE            | -40°C ~ 150°C (TJ)                                                                           |
| NUMBER OF OUTPUTS                | 1                                                                                            |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                                |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                   |
| INTERFACE                        | On/Off                                                                                       |
| INPUT TYPE                       | Non-Inverting                                                                                |
| FEATURES                         | Status Flag                                                                                  |
| FAULT PROTECTION                 | Open Load Detect, Over Temperature                                                           |
| CURRENT - OUTPUT (MAX)           | 31A                                                                                          |
| BASE PART NUMBER                 | VN31                                                                                         |

Related Tags

|                         |                             |                                |
|-------------------------|-----------------------------|--------------------------------|
| STMicroelectronics VN31 | VN31 Distributor            | VN31 Supplier                  |
| VN31 Price              | VN31 Pictures               | VN31 Image                     |
| VN31 PDF Datasheet      | VN31 Download Datasheet     | VN31 Datasheet                 |
| VN31 Stock              | Buy VN31                    | Buy STMicroelectronics VN31    |
| STMicroelectronics VN31 | STMicroelectronics Supplier | STMicroelectronics Distributor |
| STMicroelectronics VN31 |                             |                                |

Related Products

|                                                                                                                                                                                                                                                         |                                                                                                                                                                                                                                                         |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <div><div><b>VN30-2031</b><br/>Manufacturers: Bel<br/>Description: CONN N TYPE JACK STR 50OHM CRIMP<br/>In stock: 14711 pcs</div><div>RFQ</div></div>                 | <div><div><b>VN30-2051</b><br/>Manufacturers: Bel<br/>Description: CONN N TYPE JACK STR 50OHM CRIMP<br/>In stock: 16093 pcs</div><div>RFQ</div></div>                |
| <div><div><b>VN30-2020</b><br/>Manufacturers: Bel<br/>Description: CONN N JACK STR 50OHM CRMP/SOLDR<br/>In stock: 15786 pcs</div><div>RFQ</div></div>                 | <div><div><b>VN30-2050</b><br/>Manufacturers: Bel<br/>Description: CONN N TYPE JACK STR 50OHM CRIMP<br/>In stock: 14510 pcs</div><div>RFQ</div></div>                |
| <div><div><b>VN30-2019</b><br/>Manufacturers: Bel<br/>Description: CONN N TYPE JACK STR CRMP/SOLDR<br/>In stock: 12031 pcs</div><div>RFQ</div></div>                  | <div><div><b>VN31SP</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC SMART PWR SSR ISO 10-POWERSO<br/>In stock: 23439 pcs</div><div>RFQ</div></div>     |
| <div><div><b>VN31-E</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC SMART PWR SSR ISO PENTAWATT-5<br/>In stock: 26705 pcs</div><div>RFQ</div></div>     | <div><div><b>VN31(011Y)</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC SSR HIGHSIDE PENTAWATT5 HORZ<br/>In stock: 30026 pcs</div><div>RFQ</div></div> |
| <div><div><b>VN31(012Y)</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC SMART PWR SSR ISO PENTAWATT-5<br/>In stock: 26077 pcs</div><div>RFQ</div></div> | <div><div><b>VN31-11-E</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC SMART PWR SSR ISO PENTAWATT-5<br/>In stock: 29281 pcs</div><div>RFQ</div></div> |
| <div><div><b>VN31-12-E</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC SMART PWR SSR ISO PENTAWATT-5<br/>In stock: 26240 pcs</div><div>RFQ</div></div>  | <div><div><b>VN30-2021</b><br/>Manufacturers: Bel<br/>Description: CONN N TYPE JACK STR CRMP/SOLDR<br/>In stock: 12720 pcs</div><div>RFQ</div></div>                 |